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OVERVIEW OF THE FISHERY

The National Marine Fisheries Service (NMFS) estimates that the 1996 Northwestern Hawaiian Islands (NWHI) total landings of bottomfish species (Table 1) were 311,000 pounds, which is the lowest annual landing since 1989 (Tables 2 and 3). Total trips decreased to 107, while total vessels fishing was 16.

Vessels fishing the Ho'omalulu zone (the limited access area, Fig. 1) decreased to the lowest level since the implementation of the limited access plan. Three full-time vessels made an average of 8 trips each (Table 2). The decrease in the number of fishing vessels was reflected in the lowest landing volume since 1990 continuing its downward trend for the fourth consecutive year, decreasing 12% overall (Table 2). The high-value opakapaka and onaga landings decreased while other low-valued nontargeted species such as ehu and white ulua increased (Table 4). The Ho'omalulu zone vessels continue to exploit nearly the entire zone.

Mau zone (the open access area) participation increased to 13 vessels. The average trips per vessel decreased to 6 and the total number of trips decreased to 81 (Tables 2 and 5; Fig. 2). The catch for the Mau zone has decreased in landings volume by 18%. The onaga and uku landings sustained the largest decrease while most of the other species showed some increase (Table 4).

The 1996 report is based on information mainly from the Hawaii Division of Aquatic Resources' (HDAR) NWHI daily logbook.¹ HDAR's daily logbook was instituted in 1995 and has greatly improved the level of detail on fishing effort, catch, and weather conditions. A complementary trip sales report is also required by the State. The integration of the two reports provides data for the complete trip. The NMFS continues its dockside monitoring activities, and NMFS data were used to supplement and to cross check HDAR data. Joint monitoring of the fishery provides both agencies the information needed to manage the fishery.

HO'OMALU ZONE

Fleet Operations

Three-full time experienced bottomfish vessels fished the Ho'omalulu zone in 1996 (eight permits issued). They made 26 trips with an average of 8 trips per vessel (Table 5, based on HDAR-NMFS data). Trips made per vessel ranged from 8 to 10. The areas

¹ See Appendix A. Hawaii Division of Aquatic Resources' NWHI daily logbook, Trip Sales report, with instructions and examples.

fished ranged from French Frigate Shoals to Pearl and Hermes Atoll, but most of the fishing activities were centered in the French Frigate Atoll to Lisianski Island area.

The average trip lasted 23 days with 12 days of fishing. Average trip length has decreased by 2.5 days as the number of days fished has increased by 1 day (Table 6). This indicates that on the average, the vessels traveled less while fishing more to bring in slightly more fish on a per-trip basis but fewer fish on an annual total because of fewer total trips. The data for this year's Ho'omalu fishery give a good baseline of the abilities of the full-time bottomfish fishing vessels.

Ho'omalu Landings

Ho'omalu zone BMUS landings were down by 13%. Opakapaka landings were the highest followed by hapuupuu, butaguchi, onaga, uku, white ulua, ehu, and other BMUS (Fig. 3). Trends in species landings can be seen in Figure 4. The Ho'omalu zone average landings per trip were 6,884 pounds, of which 6,216 pounds (90%) were BMUS (Table 5; Fig. 5, NMFS-HDAR data). The average BMUS landings per trip remained nearly level increasing by only 1%.

Data from the State logbook provides more information on the amount and disposition of the fishes caught. Stolen fishes (number estimated by the captain), released fishes, and number of damaged fishes are now estimated and entered in the logs. Ho'omalu estimates are: 240 fishes stolen, 1,364 fishes released, and 83 fishes damaged. There were also 141 sharks released.

Data indicate that opakapaka was the most frequently damaged fish, accounting for 90%. The release data show that nearly 100% of the kahala (a nonmarketable species) catch was released. The low-valued butaguchi and white ulua accounted for most of the remainder of the releases with some opakapaka also being released. There were 141 sharks listed as being released. There was no information on shark finning activity although it is suspected that most of the sharks were finned.

MAU ZONE

Fleet Operations

Effort in the Mau zone increased in 1996. There were 27 permits issued, of which 13 vessels made 81 trips (HDAR-NMFS data). On the average the individual vessel made 6 trips, a decrease from 8 the previous year (Table 2). Fishing days and total days per trip increased (Table 6). Mau zone fishing trips averaged 9.5 days with 5.5 days of fishing. The fishing area encompassed the entire Mau zone.

Mau Landings

Mau zone landings have fallen somewhat after having risen since 1992. BMUS landings have decreased 16%. Landings per trip averaged 2,781 pounds of which 1,543 pounds (55%) were BMUS. The BMUS catch per trip decreased 5.5% while the overall catch per trip was nearly identical (Table 5). The landings were led by uku (Tables 4 and 7; Fig. 5), followed by butaguchi, hapuupuu, opakapaka, onaga, ehu, and other BMUS.

The landing composition has been dominated by uku for the past 3 years (Fig. 6). The traditional target species of opakapaka has been replaced by the more abundant uku. It is interesting to note that uku has made up a large component of the NWHI landings only since 1990. Previous to 1990, there were minimal landings. Very little is known of uku biology and movement and there has been no explanation for the sudden abundance that seems to be typical of this species. Speculations range from increased targeting, migration of mature fish from other areas, cyclical abundance, seasonal abundance, or the effects due to the fishing down of opakapaka and other bottomfish. The landings of uku in the MHI has in the past appeared to be cyclical, or at least highly variable from year to year, and also highly seasonal. Pending any kind of research, the mystery of the uku will continue in the NWHI as well as in the main Hawaiian Islands (MHI).

Opakapaka landings were further supplanted by increased targeting of onaga starting in 1994. The large increases in the landings of onaga in 1994 and 1995 were curtailed in 1996 by the occurrence of a condition similar to "tuna burn." The condition results in opaque pasty white flesh which looks like it has been "cooked." It occurred primarily in the larger (>20 lb) onaga. The condition greatly affected shelf life and value and contributed to reduced targeting by the fishermen in hopes that it was a temporary occurrence and the fish could be caught at full value later. The cause of the "burnt" onaga condition is not known at this time.

Data on the amount and disposition of the fishes caught in the Mau zone show that more fish are reported stolen and damaged than in the Ho'omalulu zone. Estimates are: 767 fishes stolen, 750 fishes released, and 98 fishes damaged. The Mau zone fishermen released about half as many fishes as did the Ho'omalulu fishermen. Kahala accounted for the majority of the releases and uku and opakapaka were damaged the most. There were also 136 sharks released with a high probability of their being finned prior to release.

BOTTOMFISH PRICES

The 1996 average prices for NWHI bottomfish have increased for all of the major BMUS except for ehu and uku (Table 8; Fig. 7). The higher prices helped keep up the gross revenues in a year of decreased total landings.

The 1996 market prices for nearly all BMUS (all sources) in Hawaii also increased (Tables 8 and 9; Figs. 7, 8, and 9). Only ehu and uku prices decreased slightly.

The MHI bottomfish continue to be at the high end of the market price structure. The premium quality of the fresh island bottomfish is reflected in the high average prices it receives. The MHI prices exhibit the widest fluctuation depending on the supply (origin and quantity) and demand. The MHI fishermen can maximize their earnings by planning fishing strategies that take into account the current fish availability and market conditions.

Preliminary data on the volume and value of imported bottomfish compiled by the NMFS Fisheries Statistics Division were obtained from U.S. Customs. The data encompass the combined snapper and grouper imports (Table 3; Fig. 10). The market revenue data for imports (Fig. 10) shows the significant value of the imports relative to those of the MHI and the NWHI. The average price per pound of the imported bottomfish had been estimated to be in the range of the average price of the NWHI bottomfish. NMFS estimates for 1995 and 1996 have shown the average to be lower than that of the average NWHI bottomfish (Table 8). The lower cost and high volume of imported bottomfish enable easy entry into Hawaii's restaurant fillet market which is supplied in part by the NWHI fishery. Only the highly variable quantity, seasonal availability, and the sometimes transient nature of the overseas fisheries have prevented the Honolulu market from being dominated by imported bottomfish.

RECOMMENDATIONS

It is recommended that the State of Hawaii continue its efforts to increase the accuracy of the NWHI daily logbook. The daily logbook has dramatically increased the detail of the data submitted by the fishermen. The level of accuracy needs to be monitored. Cross-checking and providing feedback on the data to the fishermen has already resulted in data improvement.

ACKNOWLEDGMENTS

Thank you to the management and staff of the United Fishing Agency for their continuing support of our monitoring efforts. Cooperative efforts between industry, fishermen, and fishery

managers are essential to successful and timely management of the public resource.

Thank you to Joanne Kushima (HDAR), Russell Ito, and Walter Machado for their early mornings and missed sleep (i.e., dedication); Sam Pooley, Alvin Katekaru, and Don Kobayashi for their help with this manuscript; Reginald Kokubun and Clayward Tam for their efforts in providing timely and accurate data; and to all of the fishermen without whose help this could not have been done.

Table 1.--List of common and scientific names of frequently caught species (BMUS = bottomfish management unit species).

Common name	Scientific name
BMUS	
Onaga	<i>Etelis coruscans</i>
Opakapaka	<i>Pristipomoides filamentosus</i>
Ehu	<i>E. carbunculus</i>
Kalekale	<i>P. seiboldii</i>
Gindai	<i>P. zonatus</i>
Uku	<i>Aprion virescens</i>
Lehi	<i>Aphareus rutilans</i>
Yellowtail kalekale	<i>P. auricilla</i>
Hapuupuu	<i>Epinephelus quernus</i>
Butaguchi	<i>Pseudocaranx dentex</i>
White ulua	<i>Caranx ignobilis</i>
Black ulua	<i>C. lugubris</i>
Kahala	<i>Seriola dumerili</i>
Taape	<i>Lutjanus kasmira</i>
Other Bottomfish	
Papa ulua	<i>Carangoides orthogrammus</i>
Omilu	<i>Caranx melampygus</i>
Hogo	<i>Pontinus macrocephalus</i>
Miscellaneous bottomfish	

Table 2.--NWHI Bottomfish landings (1,000 pounds, not including pelagic species), active vessels and trips, 1986-96.

Area	1987 ^a	1988 ^a	1989 ^a	1990 ^a	1991 ^b	1992 ^b	1993 ^b	1994 ^b	1995 ^b	1996 ^b
<u>LANDINGS</u>										
Mau	NA	NA	118	249	103	71	98	160	166	135
Hoomalu	NA	NA	184	173	283	353	287	283	202	176
TOTAL										
LANDINGS	1015	626	303	421	387	424	385	443	369	311
<u>VESSELS</u>										
Mau	NA	4	5	14	14	8	8	12	9	13
Hoomalu	NA	12	5	5	4	5	4	5	6	3
TOTAL										
VESSELS	28	13 ^c	10	16 ^c	17 ^c	13	12	16 ^c	15	16
<u>TRIPS</u>										
Mau	NA	21	22	55	84	55	72	99	97	81
Hoomalu	NA	72	28	25	47	37	34	41	33	26
TOTAL										
TRIPS	134	93	50	80	131	92	106	140	130	107

^aNMFS monitored trips only.

^bNWHI data from combination NMFS and HDAR.

^cTotal may not match sum due to vessel participation in both areas.

Table 3.--Hawaii's market for bottomfish caught in the Northwestern Hawaiian Islands (NWHI) and the main Hawaiian Islands (MHI), based on market expansion estimates by the National Marine Fisheries Service, 1989-95. Columns may not total because of rounding and landings not enumerated by source. This table is updated on a regular basis as the information becomes available.

Source	1990	1991	1992	1993	1994	1995	1996
Market Landings (in 1,000 lb sold)							
NWHI	423	387	424	385	443	369	311
MHI	652	562	587	463	536	568	421
HAWAII TOTAL ^a	1,094	983	1,043	862	1,011	969	745
Imports ^b	620	479	634	550	642	160 ^c	517 ^c
Total bottomfish	1,714	1,462	1,677	1,412	1,653	1,129	1,262
Revenue (in US\$1,000)							
NWHI	1,066	1,000	1,255	1,164	1,382	1,060	989
MHI	2,241	1,713	1,842	1,535	1,793	1,812	1,540
HAWAII TOTAL ^a	3,371	2,863	3,199	2,749	3,277	2,949	2,577
Imports ^b	1,546	1,300	1,869	1,643	2,003	290 ^c	1,290 ^c
Total bottomfish	4,917	4,163	5,068	4,392	5,280	3,239	3,867

^aIncludes "other" bottomfish.

^bEstimated by NMFS.

^cU.S. Customs data compiled by NMFS Fisheries Statistics Division, combined snapper and grouper.

Table 4.--Northwestern Hawaiian Islands bottomfish management unit species landings composition (1000's pounds) by area for 1992,^a 1993,^a 1994,^a 1995,^a 1996.^a

Species	1992		1993		1994		1995		1996	
	Mau	Hoomalu	Mau	Hoomalu	Mau	Hoomalu	Mau	Hoomalu	Mau	Hoomalu
Opakapaka	26	118	27	130	22	122	14	90	15	64
Onaga	6	16	4	35	11	31	26	27	10	19
Ehu	2	5	4	6	8	7	6	1	10	7
Hapuupuu	6	51	15	44	14	54	14	39	19	30
Butaguchi	18	61	29	34	34	26	25	21	22	23
Uku	5	80	8	25	52	25	61	13	45	16
White ulua	0	12	0	5	<1	9	<1	4	<1	11
Other BMUS	3	3	4	4	11	16	8	3	9	3

^aData from combination of NMFS and HDAR data sets.

Table 5.--Activity of the bottomfish fleet in the Northwestern Hawaiian Islands by management areas (*Mau* and *Ho'omalu* Zones) using the combination NMFS and HDAR data set for 1993-96.

	1993		1994	
	<i>Mau</i>	<i>Ho'omalu</i>	<i>Mau</i>	<i>Ho'omalu</i>
Vessels (No.)	8	4	12	5
Trips (No.)	72	34	99	41
Trips/vessel (No.)	9	8	8	8
BMUS/trip (lb)	1,323	8,414	1,575	6,908
Total catch/trip ^a (lb)	1,547	8,584	2,279	7,059
Revenue/trip ^a (US\$)	4,736	25,553	6,127	22,010
Revenue/vessel ^a (US\$)	42,624	217,208	75,832	180,485

	1995		1996	
	<i>Mau</i>	<i>Ho'omalu</i>	<i>Mau</i>	<i>Ho'omalu</i>
Vessels (No.)	9	6	13	3
Trips (No.)	97	33	81	26
Trips/vessel (No.)	10	5	6	8
BMUS/trip (lb)	1,634	6,130	1,543	6,216
Total catch/trip ^a (lb)	2,787	6,595	2,781	6,884
Revenue/trip ^a (US\$)	6,169	18,666	7,528	22,374
Revenue/vessel ^a (US\$)	66,498	102,664	46,909	193,912

^aIncludes all fish caught.

Table 6.--Activity of the bottomfish fleet in the Northwestern Hawaiian Islands by management areas (Mau and Ho'omalu Zones), 1993-96^a (BMUS = bottomfish management unit species). Data are compiled from trips which have complete effort information available.

	1993		1994		1995		1996	
	Mau	Hoomalū	Mau	Hoomalū	Mau	Hoomalū	Mau	Hoomalū
Vessels (No.)	8	4	8	5	8	6	13	3
Trips (No.)	56	32	42	38	68	31	81	26
Trips/vessel (No.)	7	8	5	7	8	5	6	8
Days at sea	520	662	453	851	580	792	776	602
Days fished	274	364	252	425	347	335	446	312
Day fished/trip	4.9	11.4	6	11.2	5.1	10.8	5.5	12.0
Days/trip	9.3	20.7	10.8	22.4	8.5	25.5	9.5	23.1
BMUS/trip (lbs.)	1312	8248	2128	7068	1563	6294	1543	6216
Tot. catch/trip (lbs.)	1484	8417	2432	7196	2459	6670	2781	6884
BMUS/fishing day (lbs.)	267	723	353	629	306	582	298	563
Tot. catch/fishing day (lbs.)	302	738	403	640	481	617	505	573
Revenue/trip (\$US)	4,667	25,114	7,082	22,591	6,335	21,583	7528	22374
Revenue/vessel (\$US)	32,675	200,918	12,768	171,692	53,851	111,516	46909	193912

^aInformation from 1993-94 is from NMFS-monitored trips only and may not match that in Table 3 due to rounding and extrapolation. Data for 1995-96 are from a combination of NMFS and HDAR data.

Table 7.--Northwestern Hawaiian Islands bottomfish management unit species landings composition per trip, 1993,^a 1994,^a 1995,^a 1996,^a

Species	1993		1994		1995		1996	
	Mau	Hoomalu	Mau	Hoomalu	Mau	Hoomalu	Mau	Hoomalu
Opakapaka	382	3849	229	2984	149	2741	187	2426
Onaga	66	1042	114	771	270	825	132	752
Ehu	69	185	81	172	65	47	123	272
Hapuupuu	210	1305	150	1318	153	1206	235	1166
Butaguchi	415	1004	346	655	264	665	276	909
Uku	112	736	529	623	635	397	558	632
Other BMUS	67	291	124	381	99	249	32	21
Total								
per trip ^b	1,321	8,412	1,573	6,904	1,635	6,130	1,543	6,216

^aData from combination of NMFS and HDAR data sets.

^bData may not match Table 3 due to rounding.

Table 8.--Hawaii's bottomfish prices (US\$/lb) by capture location and Hawaii's bottomfish market prices by species and source, 1993-96. NMFS estimates. (NWHI = Northwestern Hawaiian Islands, MHI = main Hawaiian Islands).

Species	Market ^a	NWHI ^b	MHI ^c	Market ^a	NWHI ^b	MHI ^c
		1993			1994	
Opakapaka	3.99	3.74	4.28	4.02	4.08	3.92
Onaga	5.03	3.27	6.18	5.51	4.33	6.47
Ehu	4.06	3.27	4.45	3.78	3.13	4.25
Hapuupuu	2.86	2.78	3.25	2.85	2.83	3.34
Butaguchi	1.74	1.67	2.75	1.72	1.67	1.93
Uku	3.13	3.01	3.19	2.81	2.62	2.98
Other BMUS	1.55	1.83	1.50	1.46	1.70	1.40
Other bottomfish	2.10	1.50	2.17	1.79	2.00	1.77
Imports ^d	3.02			3.12		
Total bottomfish	3.33	3.02	3.60	3.24	3.12	3.34
		1995			1996	
Opakapaka	3.65	3.54	3.83	4.31	4.54	4.16
Onaga	4.94	3.53	6.05	5.94	4.50	6.62
Ehu	3.99	4.13	4.00	3.90	3.29	4.28
Hapuupuu	2.99	2.91	3.77	3.31	3.14	4.39
Butaguchi	1.69	1.57	2.42	1.87	1.80	2.75
Uku	2.72	2.64	2.79	2.64	2.41	2.89
Other BMUS	1.37	1.50	1.35	1.65	1.96	1.56
Other bottomfish	1.72	1.33	1.77	1.94	2.67	1.89
Imports ^e	1.80			2.49		
Total bottomfish	3.04	2.87	3.19	3.46	3.20	3.66

^aweighted average.

^bNMFS estimate.

^cHDAR figures.

^dEstimated as equivalent to the NWHI average price.

^efrom NMFS Fisheries Statistics Division, combined snapper and grouper.

Table 9.--Hawaii's commercial bottomfish landings, 1970-95, based on data from the Hawaii Division of Aquatic Resources (1970-1978) and NMFS estimates (1979-1995).

Year	Landings (x 1000 lb)	Revenue (x \$1000)	Price (\$US/lb) ^a
1970	344	253	3.07
1971	410	312	3.05
1972	407	366	3.48
1973	454	418	3.41
1974	413	421	3.42
1975	549	584	3.27
1976	558	693	3.63
1977	562	764	3.77
1978	740	1,100	3.85
1979	809	1,296	3.73
1980	856	1,218	2.96
1981	993	1,794	3.40
1982	1,162	2,177	3.33
1983	1,424	3,233	3.92
1984	1,481	3,192	3.60
1985	1,717	3,853	3.54
1986	1,682	3,958	3.63
1987	1,818	4,687	3.79
1988	1,794	4,796	3.71
1989	1,314	3,867	3.94
1990	1,058	3,371	3.86
1991	983	2,863	3.36
1992	1,043	3,199	3.38
1993	862	2,749	3.41
1994	1,011	3,277	3.38
1995	969	2,949	3.11
1996	747	2,577	3.45

^aInflation adjusted prices, 1996 base year.

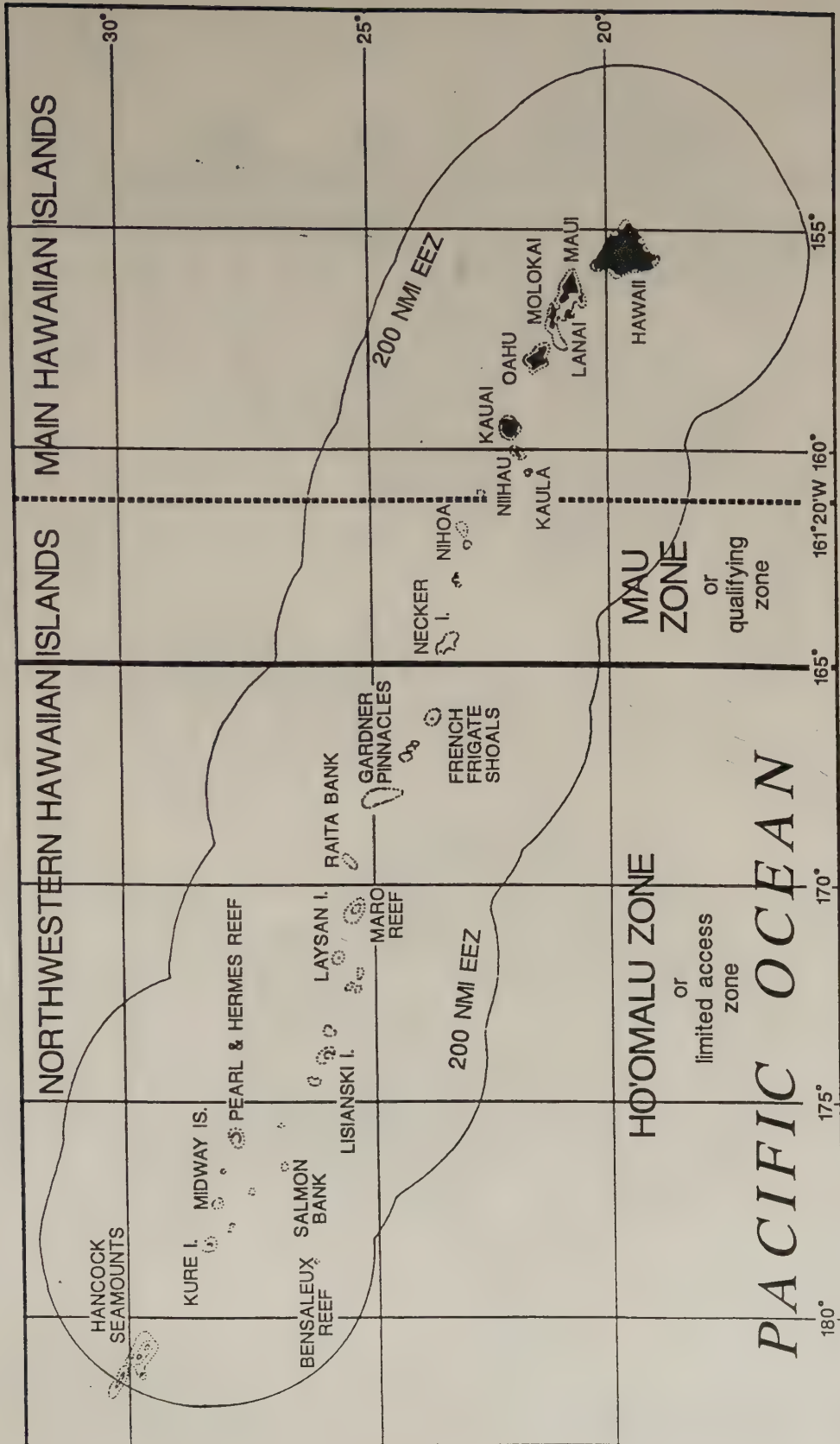


Figure 1.--Map of the Northwestern Hawaiian Islands.

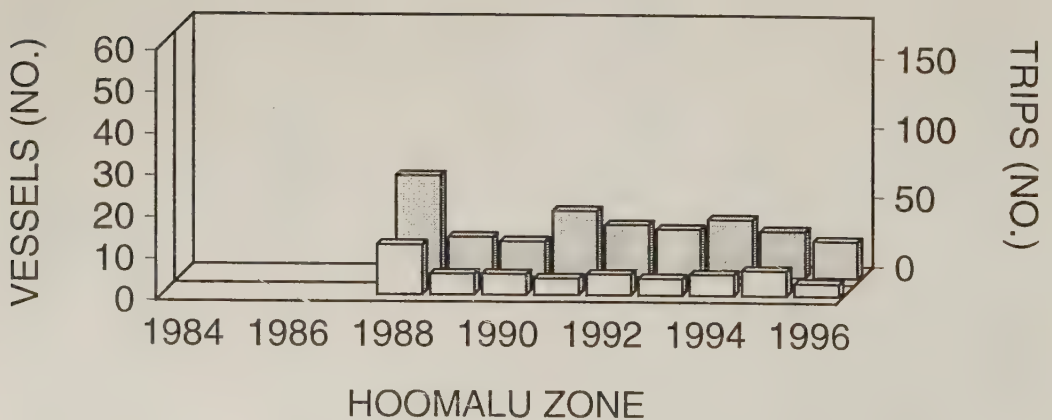
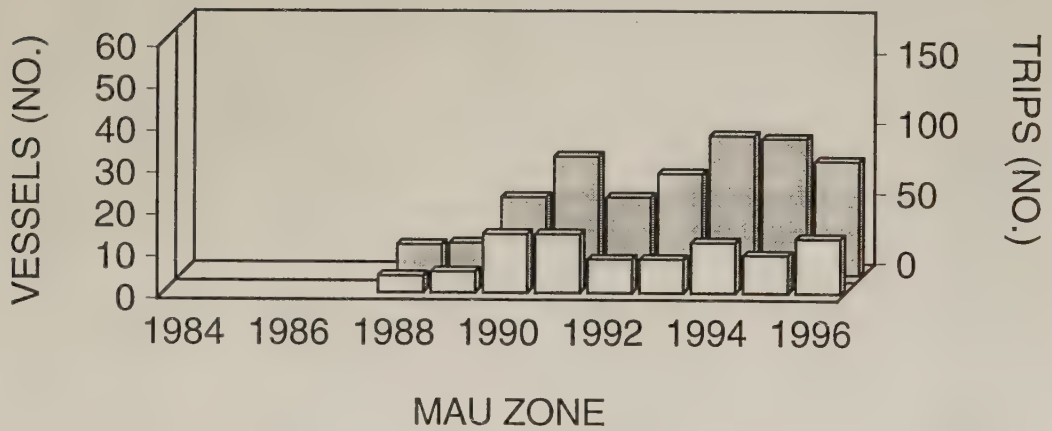
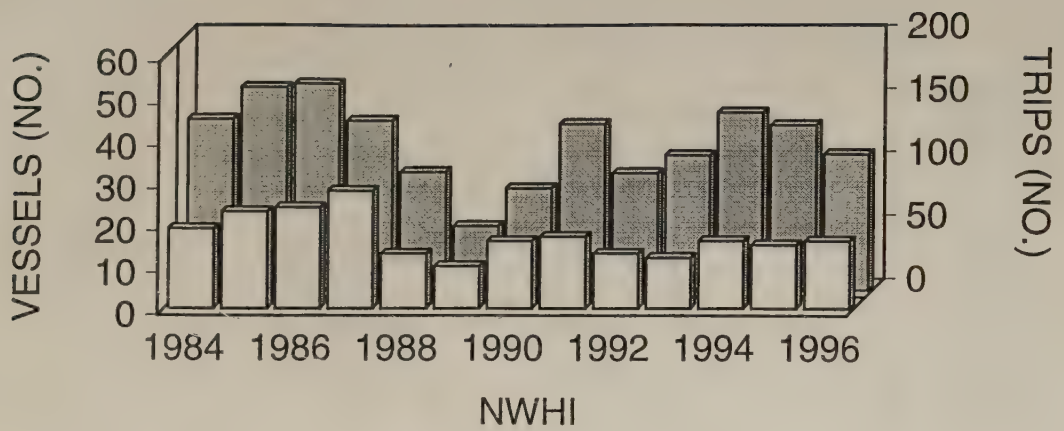


Figure 2.--NWHI bottomfish fleet activity, vessels (foreground) and trips (background)--Total (top), Mau (middle), and Hoomalu Zones (bottom).

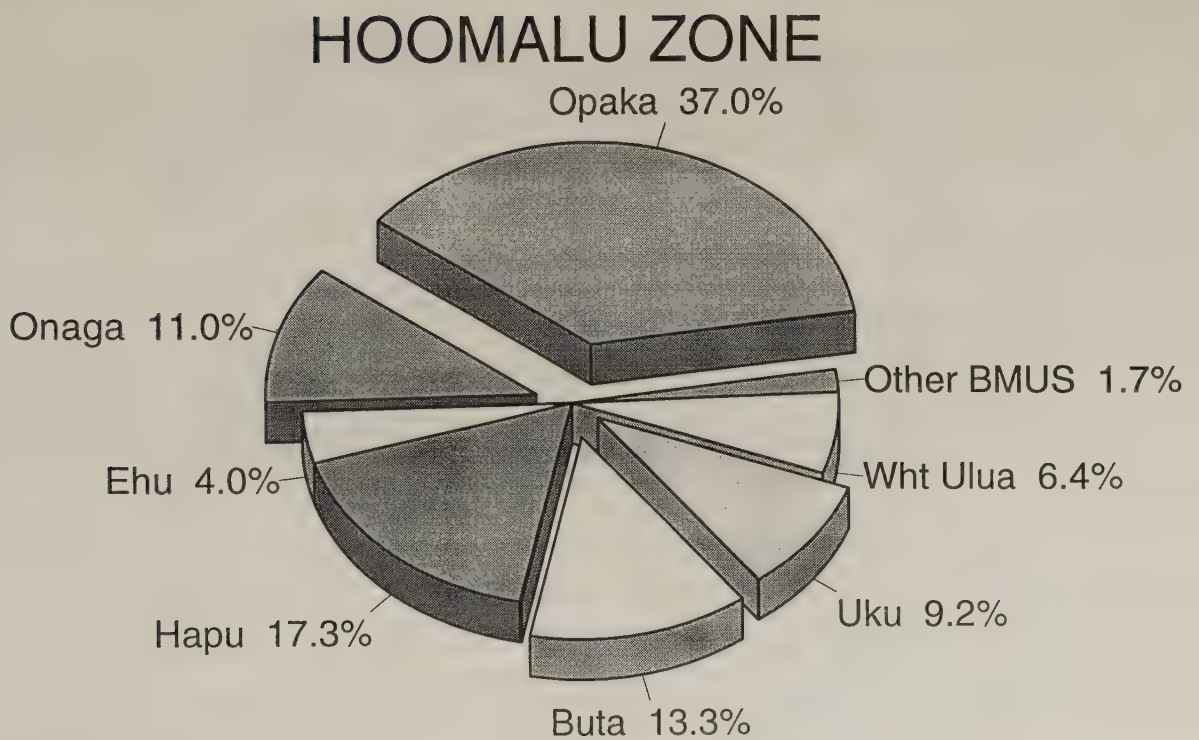
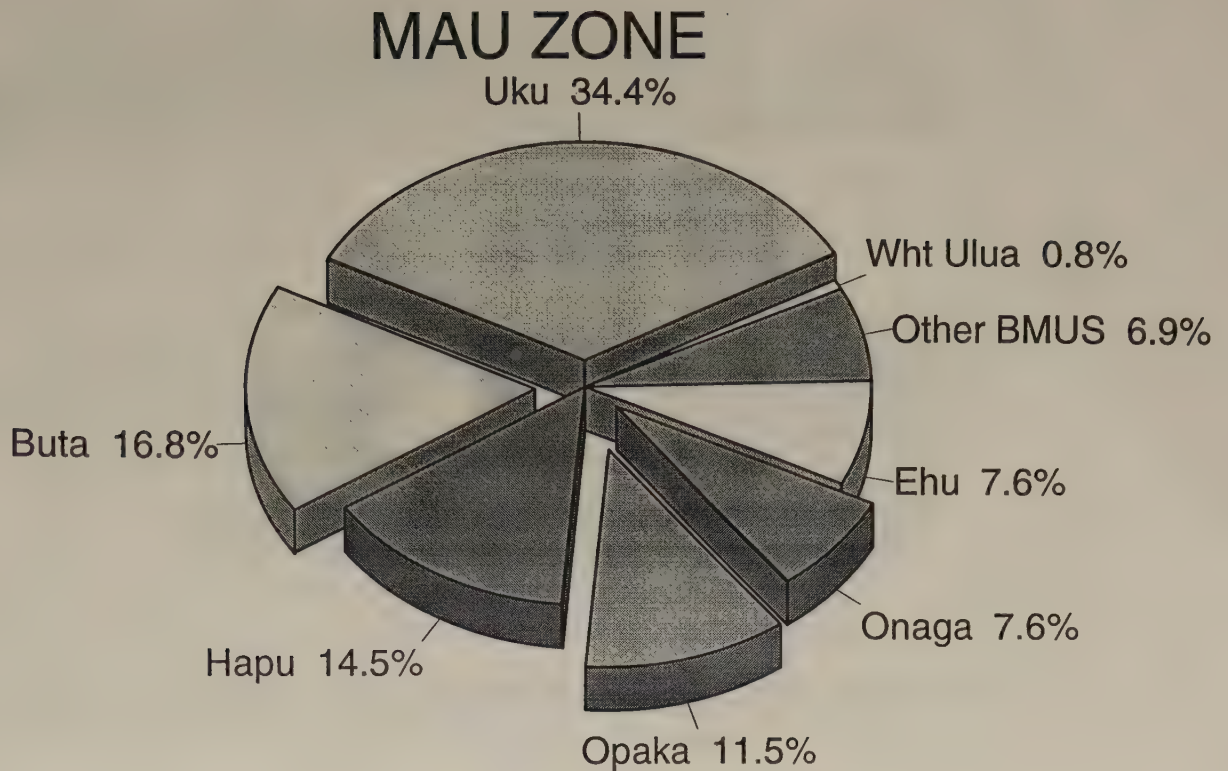


Figure 3.--Composition of BMUS landings by weight for 1996, Mau zone (top) and Hoomalu zone (bottom).

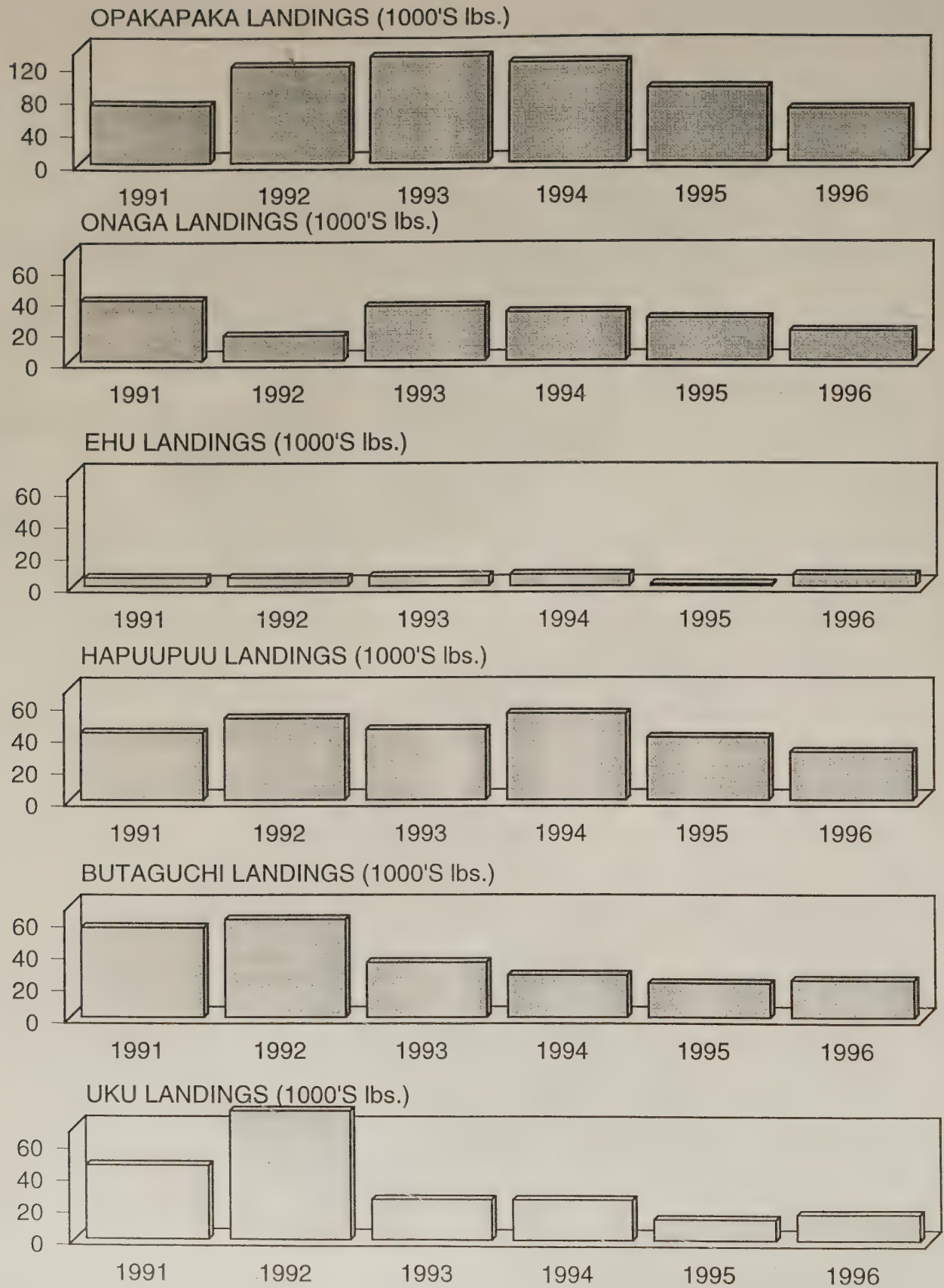
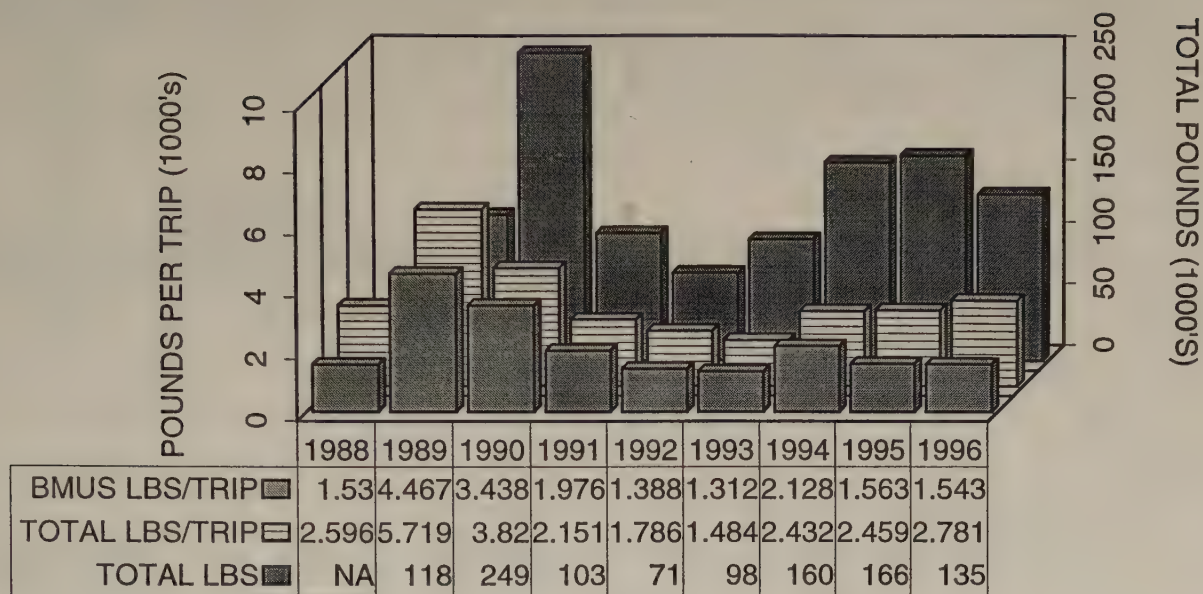


Figure 4.--Hoomalu zone landings of selected species, 1991-96.

Mau Zone



Hoomalu Zone

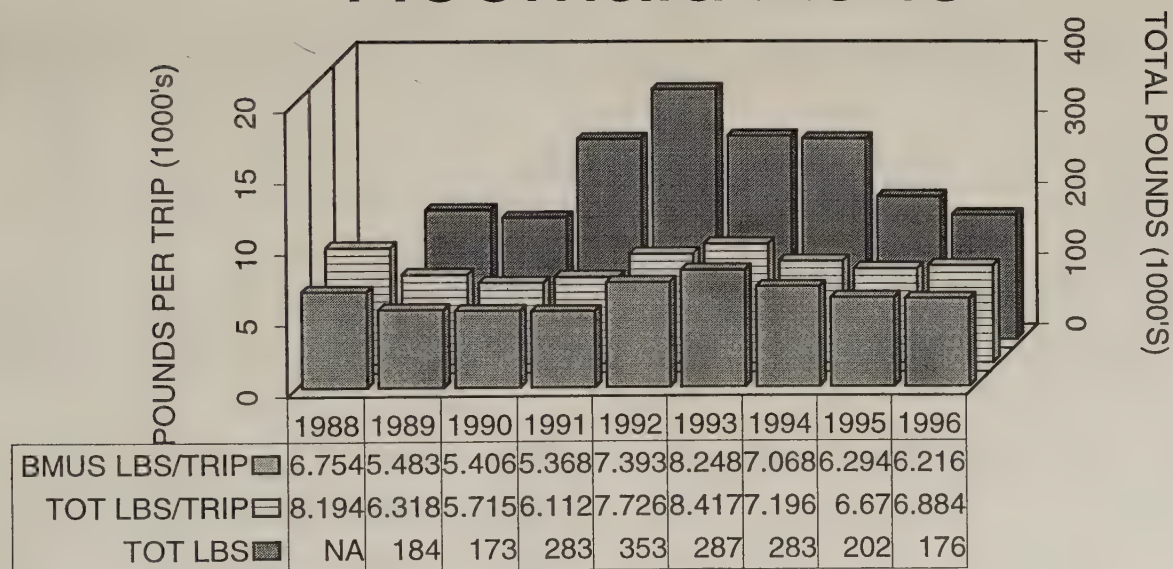


Figure 5.--NWHI BMUS and total catch per trip-Mau and Hoomalu Zone, 1988-96. Data are based on trips for which total effort information were available.

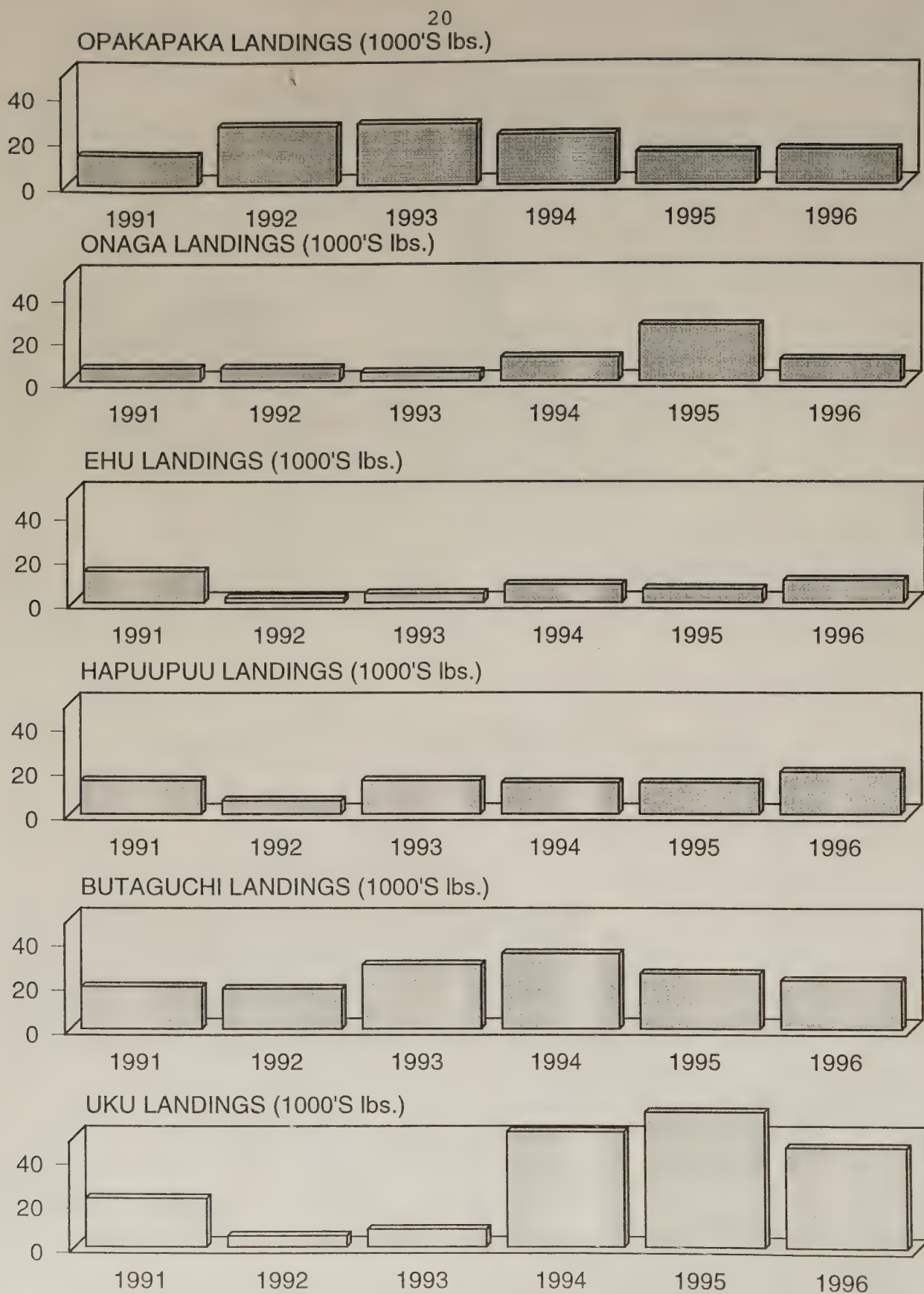


Figure 6.--Mau zone landings of selected species, 1991-96.

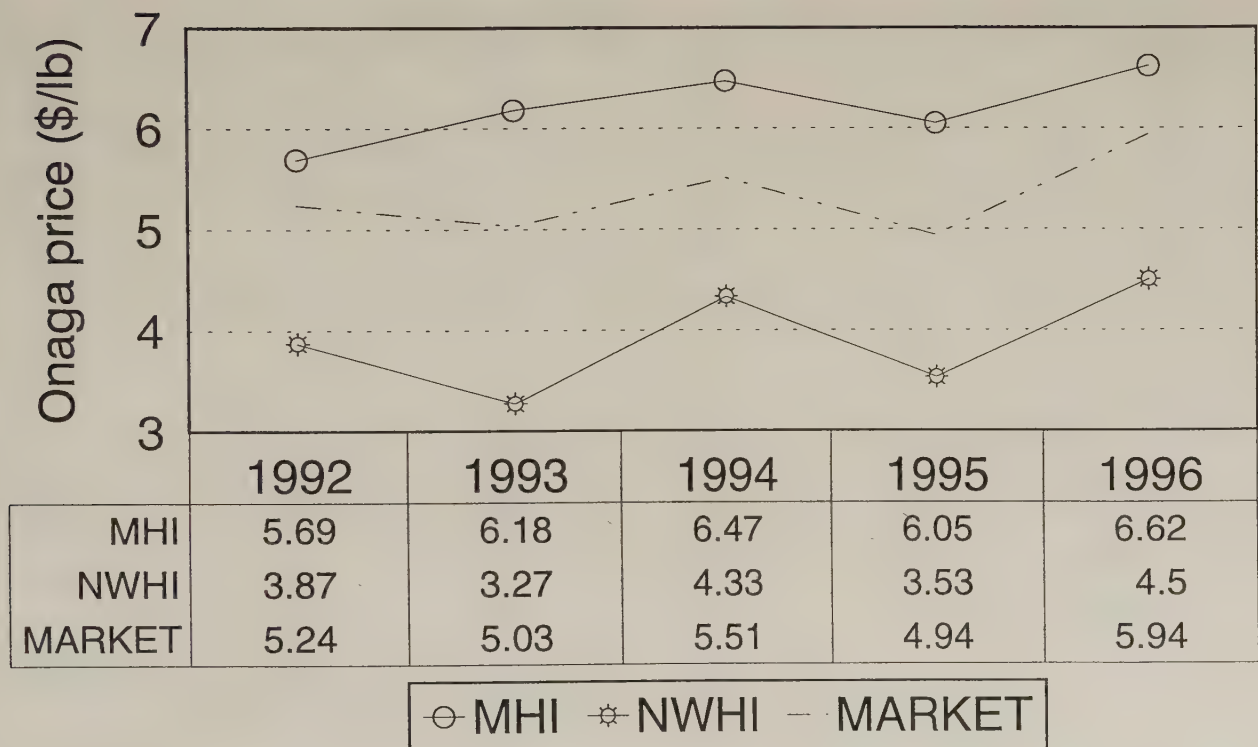
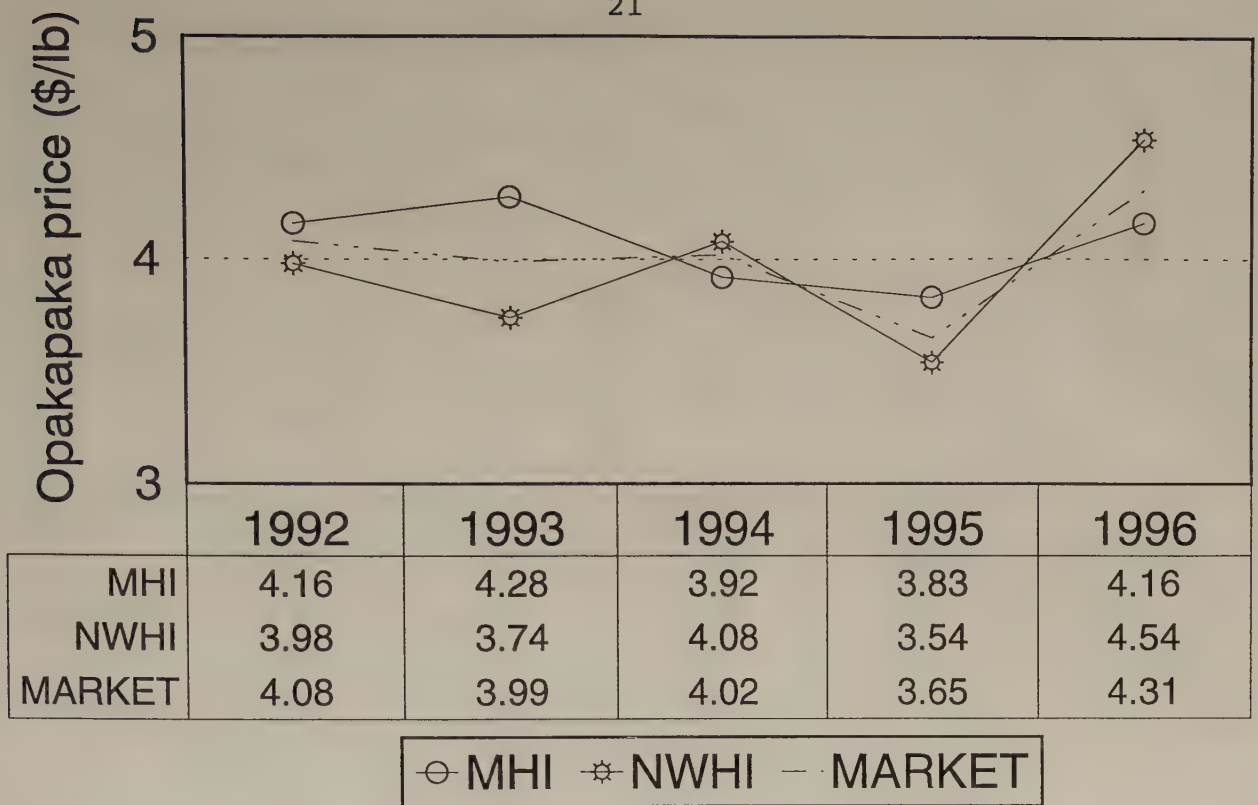


Figure 7.--Hawaii's market prices for Opakapaka and Onaga, 1992-96.

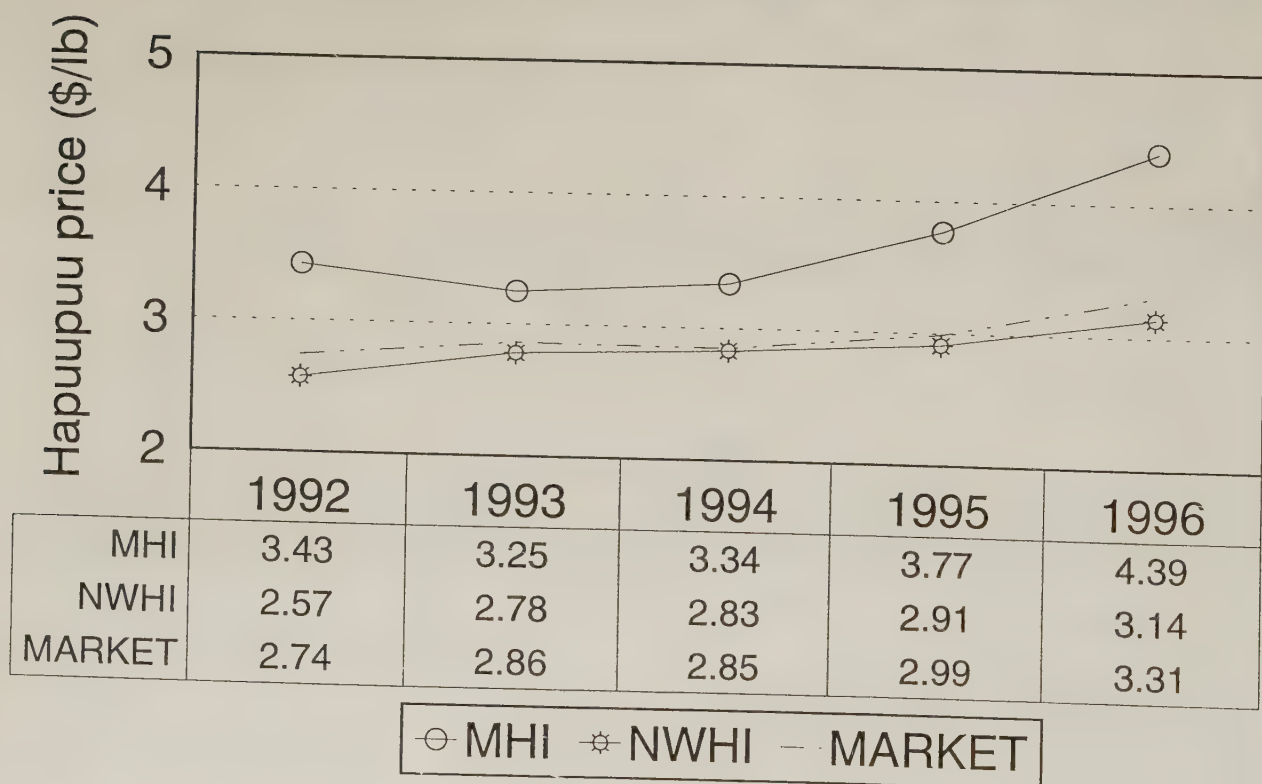
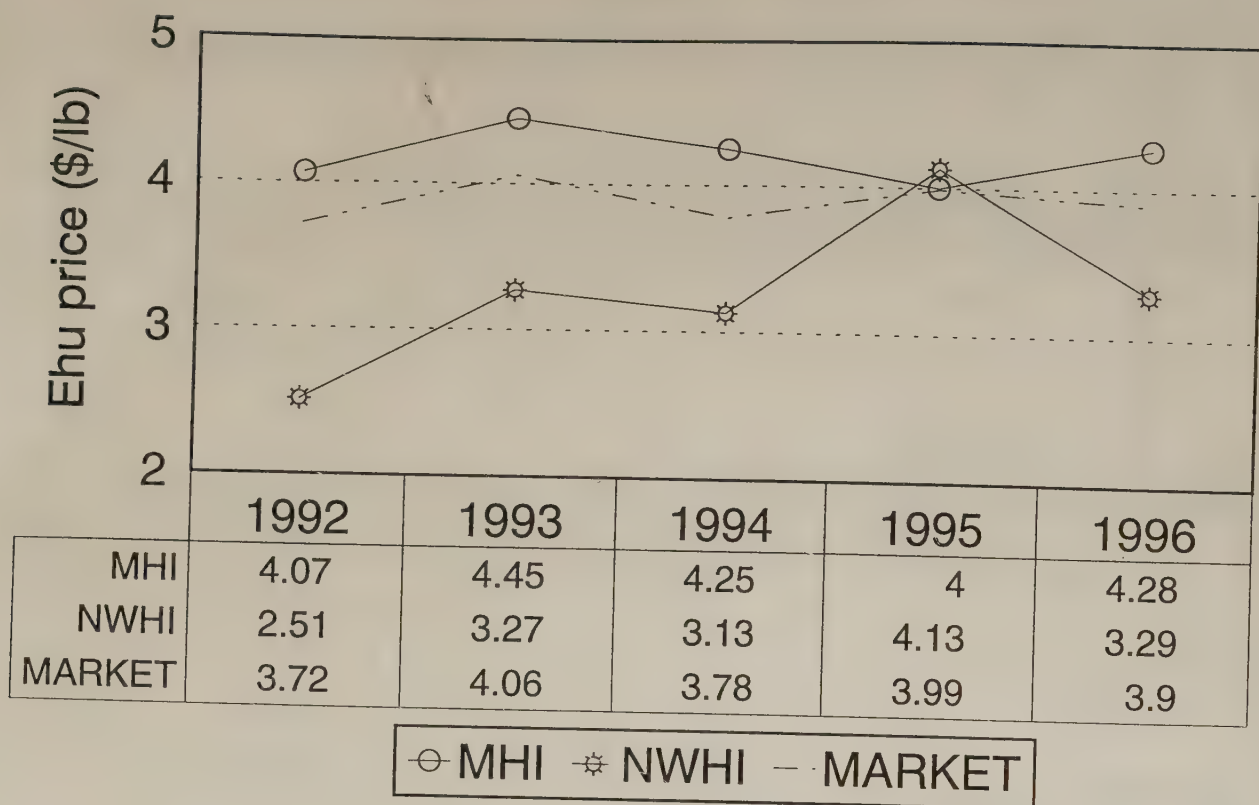


Figure 8.--Hawaii's market prices for Ehu and Hapuupuu, 1992-95.

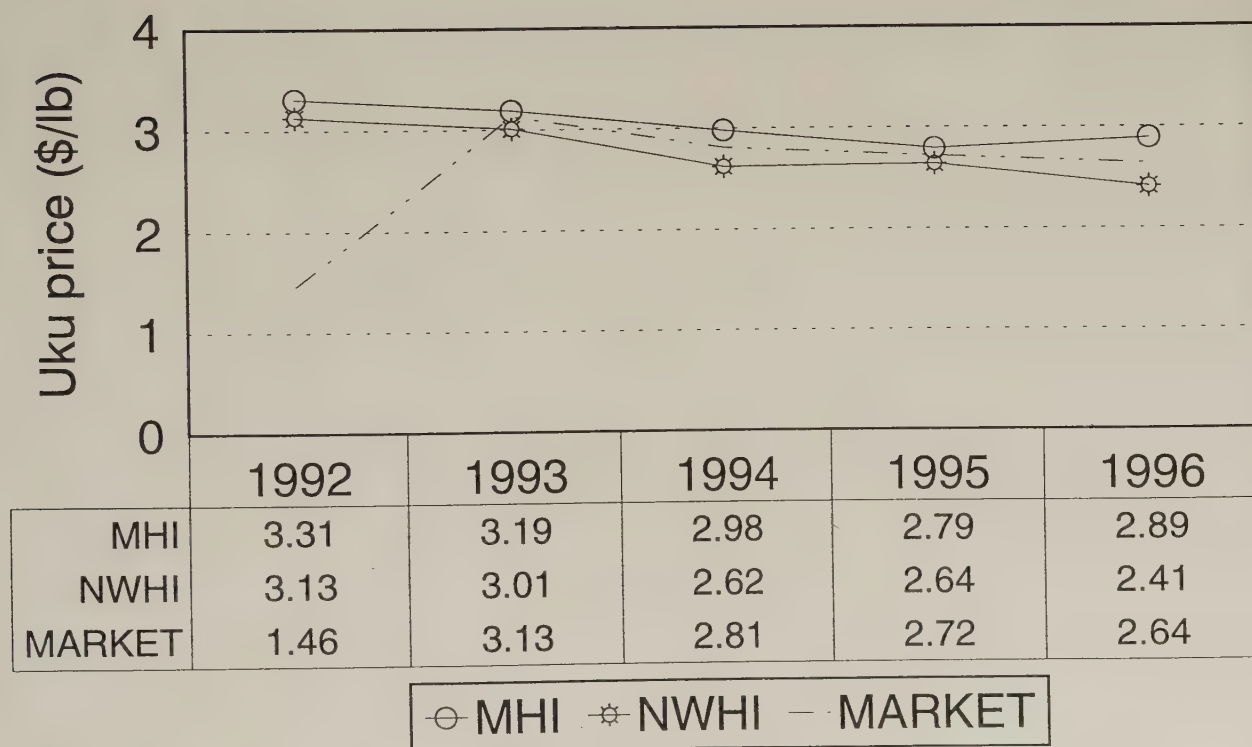
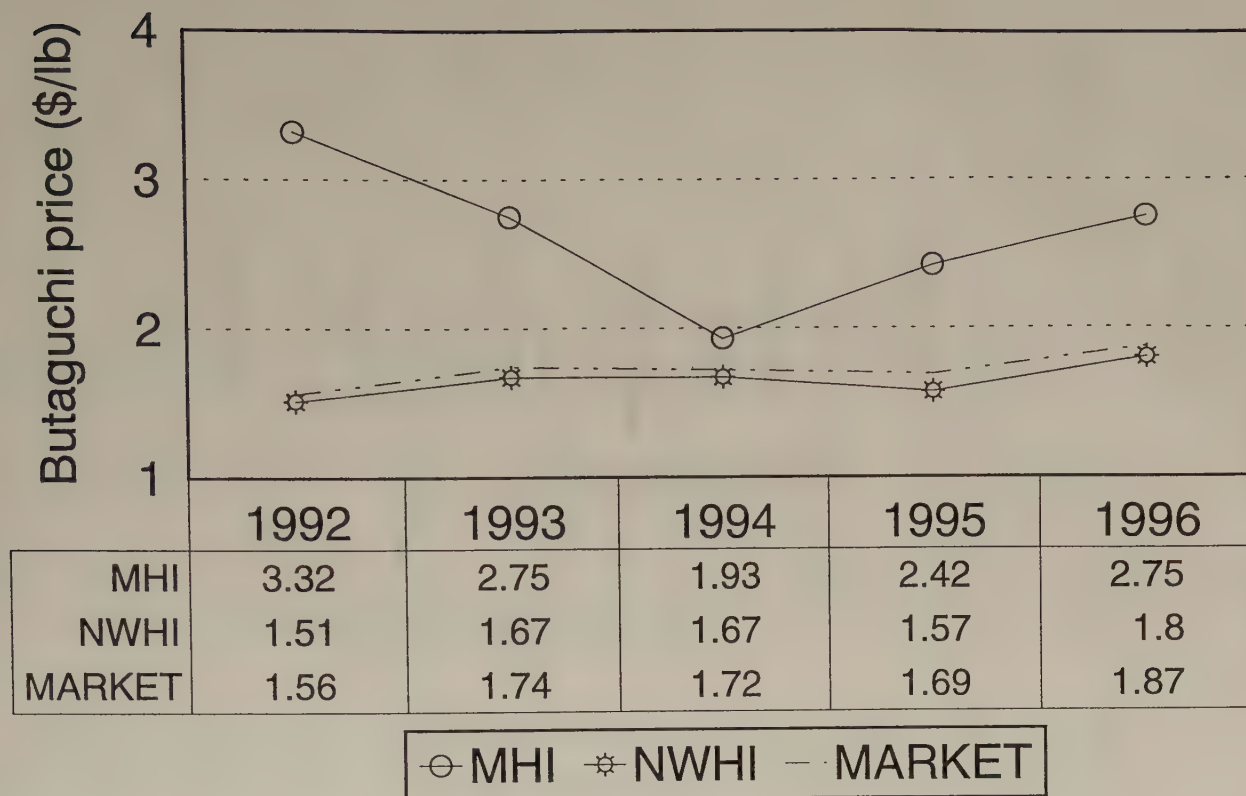


Figure 9--Hawaii's market prices for Butaguchi and Uku, 1992-95.

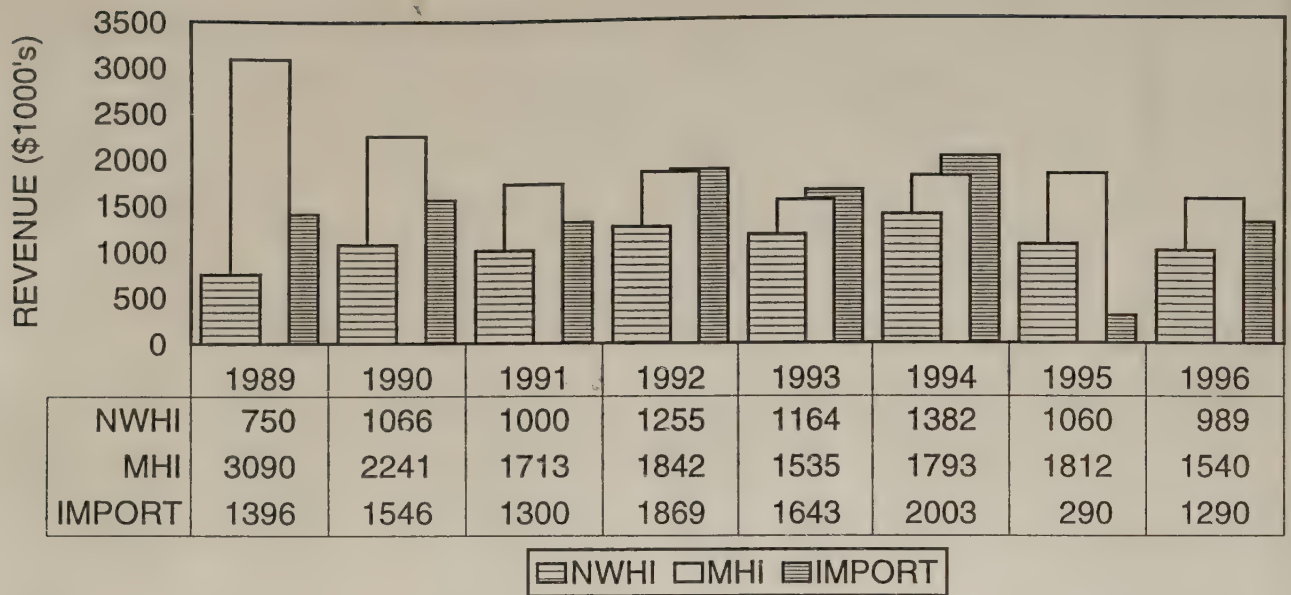


Figure 10.--Hawaii's bottomfish market revenue, 1989-96 (NWHI=Northwestern Hawaiian Islands, MHI=Main Hawaiian Islands).

APPENDIX A

HDAR NWHI BOTTOMFISH LOGBOOKS AND INSTRUCTIONS

NWHI BOTTOMFISH INSTRUCTION PACKET

CONTENTS

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Cancellation of CML form	A2
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(NWHI Trip End Sales Report)	

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF AQUATIC RESOURCES

IMPORTANT REMINDERS:

REPORTING REQUIREMENT WILL BE FULFILLED UPON RECEIPT OF BOTH NWHI BOTTOMFISH TRIP DAILY LOG AND CORRESPONDING BOTTOMFISH TRIP SALES REPORT AT THE DIVISION OF AQUATIC RESOURCES IN HONOLULU. IN THE CASE THAT NO FISHING OCCURRED DURING THE MONTH, A "DID NOT FISH" INDICATION ON THE BOTTOMFISH TRIP SALES REPORT WILL BE DEEMED AS COMPLIANCE.

BY LAW, THE COMPLETED REPORTS SHALL BE SUBMITTED BY THE 10TH DAY OF THE FOLLOWING MONTH (SECTION 189-3, HAWAII REVISED STATUTES). HOWEVER, TO FACILITATE PROCESSING, IT IS PREFERABLE TO SUBMIT COMPLETED REPORTS TO THE DIVISION OF AQUATIC RESOURCES FOLLOWING EACH TRIP.

FAILURE TO SUBMIT COMPLETE REPORTS WILL RESULT IN ONE REMINDER NOTICE BEING MAILED TO THE LICENSEE. SUBSEQUENT NON-COMPLIANCE TO THIS NOTICE MAY RESULT IN ENFORCEMENT ACTION.

THE COMMERCIAL MARINE LICENSE EXPIRES ONE YEAR FROM DATE OF ISSUANCE. REMINDER NOTICES TO RENEW LICENSES WILL BE MAILED AT LEAST 30 DAYS PRIOR TO LICENSE EXPIRATION.

NOTIFICATION OF CHANGES TO COMMERCIAL MARINE LICENSE:

CONTACT THE STATISTICAL UNIT IN HONOLULU IMMEDIATELY AT (808)587-0109 OF ANY CHANGES TO YOUR COMMERCIAL MARINE LICENSE, E.G., ADDRESS, PHONE NUMBER, VESSEL, CAPTAIN AND CREW STATUS, ETC.

IF YOU PLAN TO STOP FISHING COMMERCIALY BEFORE YOUR COMMERCIAL MARINE LICENSE EXPIRES, YOU MAY CANCEL IT AND REQUEST TO STOP THE FISH CATCH REPORTING REQUIREMENT BY COMPLETING THE CANCELLATION OF COMMERCIAL MARINE LICENSE AND REQUEST TO TERMINATE FISH CATCH REPORT REQUIREMENT FORM IN THIS BOOKLET AND SUBMIT IT TO THE HONOLULU DAR OFFICE.

CANCELLATION OF COMMERCIAL MARINE LICENSE AND REQUEST TO TERMINATE FISH CATCH REPORT REQUIREMENT FORM

This certifies that the commercial marine licensee will not continue commercial fishing before his/her Commercial Marine License expires and to cancel it effective as of the date affixed before the signature of the licensee below.

Further, it is requested by the licensee that he/she not be required to submit monthly fish catch reports effective as of the cancellation month. However, the licensee is responsible to submit monthly fish catch reports which were required before the cancellation month, and the required reports, if any, shall be enclosed (HRS Section 189-3).

A copy of this cancellation request form will be mailed as soon as it has been approved and only if the reporting requirements have been completed. For inquiries about fish catch reporting requirement status, contact the nearest Division of Aquatic Resources office listed on the front cover of this booklet.

Complete the information listed below, sign it and send it along with your Commercial Marine License to:

Division of Aquatic Resources
1151 Punchbowl St., Rm. 330
Honolulu, HI 96813
Attention: Statistical Unit

1. Commercial Marine License Name: _____
2. Commercial Marine License Number: _____
3. Mailing Address: _____

4. Phone: _____
5. Date: _____
6. Signature: _____

DLNR use only

License Date: ____ / ____ / ____	Expiration Date: ____ / ____ / ____
Report Req. ☐	
Approved by _____ DLNR authorized signature	

SECTION A

NWHI BOTTOMFISH TRIP DAILY LOG FORM

Instructions for completing the NWHI	A4
Bottomfish trip daily log form	A5
Sample NWHI Trip	A6
Sample NWHI Trip Plot	A7
Sample NWHI Daily Log reports	A8

INSTRUCTIONS FOR COMPLETING THE NWHI BOTTOMFISH TRIP DAILY LOG

- All Northwestern Hawaiian Islands (NWHI) commercial bottomfish permittees must complete and submit both the daily log (white copy) and Bottomfish Trip Sales Report forms to record landings/sales of bottomfish, as well as other fish species caught by bottomfishing, trolling, tuna handline gear, etc. (not longline gear).
- The daily log form replaces the C-3 form and should be used for ALL fishing trips.
- Completed daily log and sales report forms should be submitted to the Hawaii Division of Aquatic Resources immediately following the end of each fishing trip.
- If no fishing occurred during the month, a "Did Not Fish" notification must be provided to the Division of Aquatic Resources by so indicating on the trip sales report form.
- If fish were caught but NOT SOLD, a trip sales report form with information on licensee, trip start/end date, and port of landing must be submitted with the daily logs.

Daily log information must be recorded in the form as follows:

- LICENSEE NAME : • Print name of license holder reporting information.
- COMMERCIAL MARINE LICENSE NO. : • Enter State of Hawaii commercial marine license number.
- FEDERAL NO. or HA-: • Enter Federal NWHI bottomfish permit number (vessel's official number) or State of Hawaii HA- registration number.
- VESSEL NAME: • Enter name of vessel.
- DAY FISHED (mo/dy/yr): • Enter date (month/day/year) of fishing activity.
- STATISTICAL AREA: • For bottomfishing in the main Hawaiian Islands and trolling, tuna handlining, and other commercial fishing activity in both the NWHI and main Hawaiian Islands - Enter the number of the statistical area in which fish were caught. (See chart on cover of logbook) Note: use a separate log sheet for each day fished and each statistical area in which fish were caught.
- BANK: • For NWHI bottomfishing only - enter name of the bank in which bottomfishing occurred. Note: use a separate log sheet for each day and each bank fished. Circle one of the directional quadrants, if applicable: NE, NW, SE or SW.
- BOTTOMFISHING
- NO. OF LINES: • Enter total number of lines used.
- NO. HOURS FISHED: • Enter total number of hours fished.
- NO. OF HOOKS/LINE: • Enter number of hooks used per line.
- DEPTH RANGE (fm): • Enter approximate range of depth (fathoms) where bottomfishing activity occurred, e.g., 100 - 120 fathoms.
- WIND SPEED (kt)/DIRECTION: • Enter estimated wind speed (knots) & direction from which the wind was blowing at the beginning of fishing activity.
- WAVE HEIGHT(ft): • Enter estimated height of wave (feet) at the beginning of fishing activity.
- BOTTOMFISH CATCH
- NO. KEPT: • For each species caught, enter the number kept for sale or non-sale, including personal consumption.
- LBS. KEPT: • For each species caught, enter estimated pounds kept for sale or non-sale, (estimate) including personal consumption.
- NO. RELEASED: • For each species caught, enter the number released: dead or alive.
- NO. DAMAGED: • For each species caught, enter the number damaged by sharks and other predators, e.g., dolphin, and either kept or released.
- NO. STOLEN: • For Unidentified Bottomfish, enter the estimated number stolen, i.e., removed from the hook prior to landing.
- OTHER METHOD USED: • Check one [☒]: TROLLING, TUNA HANDLINE, or OTHER: specify, (e.g., kona crabbing) if other than bottomfishing method was used during the day fished. Note: use a separate log sheet for each non-bottomfishing method used.
- NO. OF LINES and NO. HOURS FISHED (See above)
- NON-BOTTOMFISH CATCH • NO. KEPT, LBS. KEPT, NO. RELEASED, NO. DAMAGED (See above)

Note: for species that are not listed on the form, please write the local or common name of the fish caught in the blank rows labeled "Other:specify", e.g., kona crab, with information on catch.

- SIGNATURE: • Enter signature of licensee or authorized person completing and submitting the daily catch log form.

State of Hawaii Department of Land and Natural Resources
Division of Aquatic Resources

N W H I BOTTOMFISH TRIP DAILY LOG

LICENSEE NAME _____ COMMERCIAL MARINE LICENSE NO. _____

FEDERAL NO. _____ or HA - _____ VESSEL NAME _____

DAY FISHED (mo/dy/yr) ____ / ____ / ____ STATISTICAL AREA _____

BANK _____ NE / NW / SE / SW (circle one)

BOTTOMFISHING (3) - NO. OF LINES _____ NO. HOURS FISHED _____ NO. OF HOOKS/LINE _____

DEPTH RANGE (fm) _____ WIND SPEED (kt)/DIRECTION _____ WAVE HEIGHT (ft) _____

BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED	NO. STOLEN
OPAKAPAKA (19)					
ONAGA (22)					
EHU (21)					
UKU (20)					
HAPUUPUU (Seabass) (15)					
BUTAGUCHI (200)					
WHITE ULUA (205)					
KAHALA (16)					
OMILU (18)					
GINDAI (97)					
KALEKALE (17)					
PAPA ULUA (204)					
HOGO (300)					
OTHER: specify					
Unidentified Bottomfish					

OTHER METHOD USED: ☐ TROLLING (6) ☐ TUNA HANDLINE (35) ☐ OTHER: specify _____
(Check One) NO. OF LINES _____ NO. HOURS FISHED _____

NON-BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED
DNO (14)				
MAHIMAH	(13)			
AHI (Yellow Fin) (3)				
KAWAKAWA (7)				
TIGER SHARK (322)				
OTHER Shark: specify				
OTHER: specify				

The above report is true, correct, and complete to the best of my knowledge and belief.

SIGNATURE _____
Licensee or Authorized Agent

PLEASE SUBMIT COMPLETED REPORTS TO DIV. OF AQUATIC RESOURCES FOLLOWING EACH TRIP. THANK YOU.

SAMPLE NWHI BOTTOMFISH TRIP

VESSEL: Marisa Rei

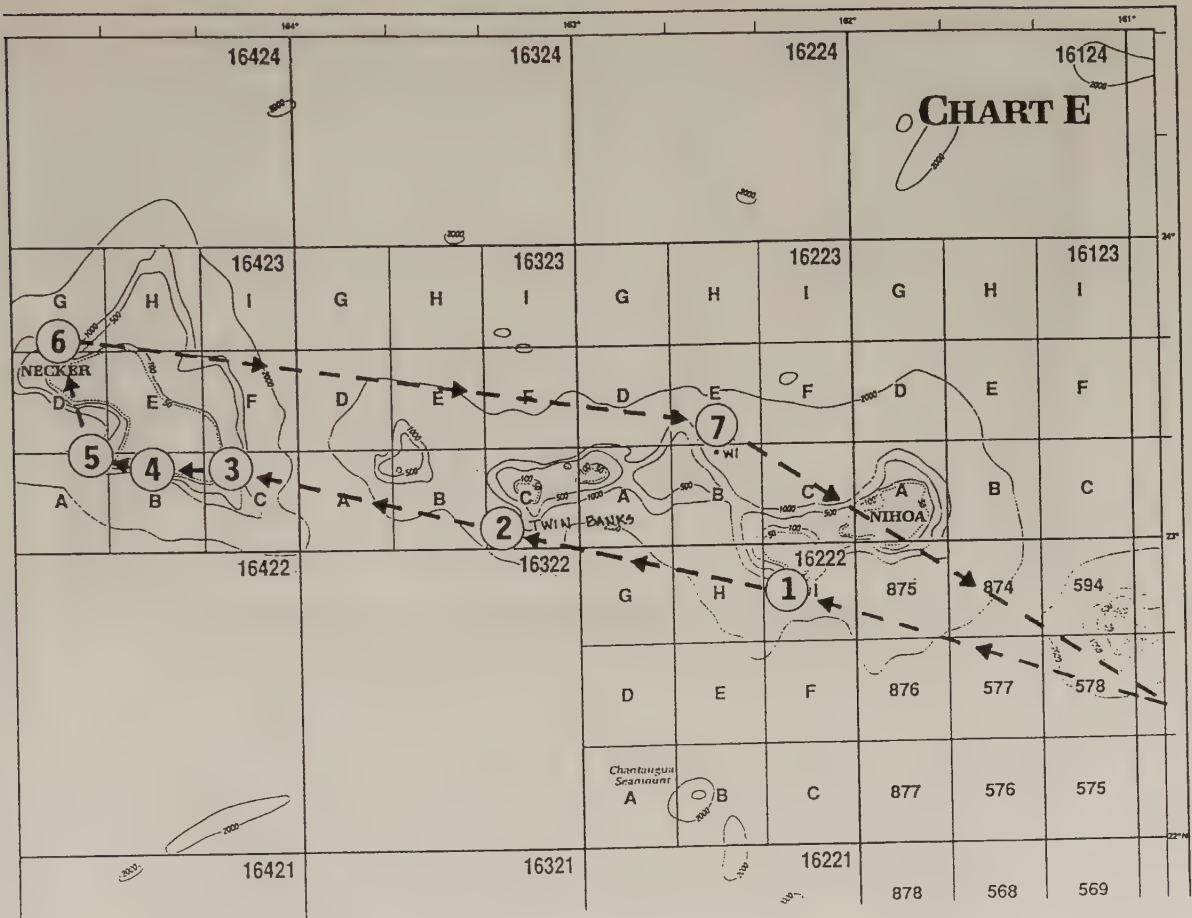
TRIP PERIOD: July 30 - August 4, 1995

AREA OF OPERATION: Northwestern Hawaiian Islands

TYPE OF OPERATION: Bottomfishing off of Necker with trolling from Nihoa to Necker and tuna handlining at Weather Buoy #1.

ITINERARY:

30 July	-	Depart Kewalo Basin.
31 July	-	Arrived Nihoa. Set trolling lines with the intent to troll to Necker to catch bait and fish to eat on the trip (Locations 1 and 2). Arrived Necker to bottomfish in the Southeast quadrant (Location 3). Departed Necker SE.
1 August	-	Arrived Southwest quadrant of Necker to bottomfish at two stations (Locations 4 and 5). Departed Necker SW.
2 August	-	Arrived Northwest quadrant of Necker to bottomfish (Location 6). Departed Necker NW.
3 August	-	Arrived Weather Buoy #1 to tuna handline (Location 7). Departed W1.
4 August	-	Arrived Kewalo Basin.



State of Hawaii Department of Land and Natural Resources
Division of Aquatic Resources

LOCATION 1

N W H I BOTTOMFISH TRIP DAILY LOG

LICENSEE NAME JOHN DOE COMMERCIAL MARINE LICENSE NO. 1000
 FEDERAL NO. 1999999 or HA - VESSEL NAME MARISA REI
 DAY FISHED (mo/dy/yr) 7/31/95 STATISTICAL AREA 16222 I
 BANK Nihoa NE / NW / SE / SW (circle one)

BOTTOMFISHING (3) - NO. OF LINES NO. HOURS FISHED NO. OF HOOKS/LINE
 DEPTH RANGE (fm) WIND SPEED (kt)/DIRECTION WAVE HEIGHT (ft)

BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED	NO. STOLEN
OPAKAPAKA (191)					
ONAGA (22)					
EHU (21)					
UKU (20)					
HAPUUPUU (Seabass) (15)					
BUTAGUCHI (200)					
WHITE ULUA (205)					
KAHALA (16)					
OMILU (18)					
GINDAI (97)					
KALEKALE (17)					
PAPA ULUA (204)					
HOGO (300)					
OTHER: specify					
Unidentified Bottomfish					

OTHER METHOD USED: ☒ TROLLING (6) ☐ TUNA HANDLINE (35) ☐ OTHER: specify
 (Check One) NO. OF LINES 2 NO. HOURS FISHED 12

NON-BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED
ONO (14)	2	50		
MAHIMAHU (13)	3	30		
AHI (Yellow Fin) (3)				
KAWAKAWA (7)	4	60		
TIGER SHARK (322)				
OTHER Shark: specify				
OTHER: specify				
BLUE MARLIN			1	
RAINBOW RUNNER	1	10		

The above report is true, correct, and complete to the best of my knowledge and belief.

SIGNATURE John Doe
 Licensee or Authorized Agent

PLEASE SUBMIT COMPLETED REPORTS TO DIV. OF AQUATIC RESOURCES FOLLOWING EACH TRIP. THANK YOU

State of Hawaii Department of Land and Natural Resources
Division of Aquatic Resources

LOCATION 2

N W H I BOTTOMFISH TRIP DAILY LOG

LICENSEE NAME JOHN DOE COMMERCIAL MARINE LICENSE NO. 1000
 FEDERAL NO. 1999999 or HA - _____ VESSEL NAME MARISA REI
 DAY FISHED (mo/dy/yr) 7/31/95 STATISTICAL AREA 16323C
 BANK TWIN BANKS NE / NW / SE / (SW) (circle one)

BOTTOMFISHING (3) - NO. OF LINES _____ NO. HOURS FISHED _____ NO. OF HOOKS/LINE _____
 DEPTH RANGE (fm) _____ WIND SPEED (kt)/DIRECTION _____ WAVE HEIGHT (ft) _____

BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED	NO. STOLEN
OPAKAPAKA (19)					
ONAGA (22)					
EHU (21)					
UKU (20)					
HAPUUPUU (Seabass) (15)					
BUTAGUCHI (200)					
WHITE ULUA (205)					
KAHALA (16)					
OMILU (18)					
GINDAI (97)					
KALEKALE (17)					
PAPA ULUA (204)					
HOGO (300)					
OTHER: specify					
Unidentified Bottomfish					

OTHER METHOD USED: ☒ TROLLING (6) ☐ TUNA HANDLINE (35) ☐ OTHER: specify _____
 (Check One) NO. OF LINES 2 NO. HOURS FISHED 12

NON-BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED
ONO (14)	4	80		
MAHIMAHU (13)				
AHI (Yellow Fin) (3)				
KAWAKAWA (7)	2	40		
TIGER SHARK (322)				
OTHER Shark: specify				
OTHER: specify				

The above report is true, correct, and complete to the best of my knowledge and belief.

SIGNATURE John Doe
 Licensee or Authorized Agent

PLEASE SUBMIT COMPLETED REPORTS TO DIV. OF AQUATIC RESOURCES FOLLOWING EACH TRIP. THANK YOU.

State of Hawaii Department of Land and Natural Resources
Division of Aquatic Resources

LOCATION 3

N W H I BOTTOMFISH TRIP DAILY LOG

LICENSEE NAME JOHN DOE COMMERCIAL MARINE LICENSE NO. 1000
 FEDERAL NO. 1999999 or HA - VESSEL NAME MARISA REI
 DAY FISHED (mo/dy/yr) 7/31/95 STATISTICAL AREA
 BANK NECKER NE / NW / SE / SW (circle one)

 BOTTOMFISHING (3) - NO. OF LINES 2 NO. HOURS FISHED 4 NO. OF HOOKS/LINE 6
 DEPTH RANGE (fms) 60-150 WIND SPEED (kt)/DIRECTION 15-20 NE WAVE HEIGHT (ft) 4-6

BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED	NO. STOLEN
OPAKAPAKA (19)	30	300		1	
ONAGA (22)					
EHU (21)	6	18			
UKU (20)					
HAPUUPUU (Seabass) (15)	2	15			
BUTAGUCHI (200)	12	144			
WHITE ULUA (205)					
KAHALA (16)			5		
OMILU (18)					
GINDAI (97)					
KALEKALE (17)	24	48			
PAPA ULUA (204)					
HOGO (300)	5	15			
OTHER: specify					
LEHI	3	30			
Unidentified Bottomfish					10

OTHER METHOD USED: ☐ TROLLING (61) ☐ TUNA HANDLINE (351) ☐ OTHER: specify
 (Check One) NO. OF LINES NO. HOURS FISHED

NON-BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED
ONO (14)				
MAHIMAHU (13)				
AHI (Yellow Fin) (3)				
KAWAKAWA (7)				
TIGER SHARK (322)			1	
OTHER Shark: specify <u>GRAY REEF</u>			3	
OTHER: specify				

The above report is true, correct, and complete to the best of my knowledge and belief.

SIGNATURE John Doe
 Licensee or Authorized Agent

PLEASE SUBMIT COMPLETED REPORTS TO DIV. OF AQUATIC RESOURCES FOLLOWING EACH TRIP, THANK YOU.

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State of Hawaii Department of Land and Natural Resources
Division of Aquatic Resources

LOCATION 4 & 5

N W H I BOTTOMFISH TRIP DAILY LOG

LICENSEE NAME JOHN DOE COMMERCIAL MARINE LICENSE NO. 1000
 FEDERAL NO. 1999999 or HA - _____ VESSEL NAME MARISA REI
 DAY FISHED (mo/dy/yr) 8 / 1 / 95 STATISTICAL AREA _____
 BANK NECKER NE / NW / SE / (SW) (circle one)

BOTTOMFISHING (3) - NO. OF LINES 2 NO. HOURS FISHED 8 NO. OF HOOKS/LINE 6
 DEPTH RANGE (fm) 80-200 WIND SPEED (kt)/DIRECTION 15-20 NE WAVE HEIGHT (ft) 4-6

BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED	NO. STOLEN
OPAKAPAKA (19)	40	320		3	
ONAGA (22)	20	120		1	
EHU (21)	6	12			
UKU (20)					
HAPUUPUU (Seabass) (15)	5	30			
BUTAGUCHI (200)	12	120			
WHITE ULUA (205)					
KAHALA (16)			7		
OMILU (18)					
GINDAI (97)	2	6			
KALEKALE (17)					
PAPA ULUA (204)					
HOGO (300)	1	3			
OTHER: specify <u>LEHI</u>	4	36			
<u>AWOWED</u>	3	6			
<u>GUNKAN</u>	1	6			
Unidentified Bottomfish					15

OTHER METHOD USED: [] TROLLING (6) [] TUNA HANDLINE (35) [] OTHER: specify _____
 (Check One) NO. OF LINES _____ NO. HOURS FISHED _____

NON-BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED
ONO (14)				
MAHIMAHU (13)				
AHI (Yellow Fin) (3)				
KAWAKAWA (7)				
TIGER SHARK (322)				
OTHER Shark: specify <u>WHITE TIP</u>			2	
OTHER: specify				
<u>BLACK TIP SHARK</u>			2	

The above report is true, correct, and complete to the best of my knowledge and belief.

SIGNATURE John Doe
 Licensee or Authorized Agent

PLEASE SUBMIT COMPLETED REPORTS TO DIV. OF AQUATIC RESOURCES FOLLOWING EACH TRIP. THANK YOU.

State of Hawaii Department of Land and Natural Resources
Division of Aquatic Resources

LOCATION 6

N W H I BOTTOMFISH TRIP DAILY LOG

LICENSEE NAME JOHN DOE COMMERCIAL MARINE LICENSE NO. 1000
 FEDERAL NO. 1999999 or HA - VESSEL NAME MARISA REI
 DAY FISHED (mo/dy/yr) 8/2/95 STATISTICAL AREA
 BANK NECKER NE / (NW) / SE / SW (circle one)

 BOTTOMFISHING (3) - NO. OF LINES 3 NO. HOURS FISHED 8 NO. OF HOOKS/LINE 6
 DEPTH RANGE (fm) 50-120 WIND SPEED (kt)/DIRECTION 15-20 NE WAVE HEIGHT (ft) 4-6

BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED	NO. STOLEN
OPAKAPAKA (19)	46	368		5	
ONAGA (22)	14	140			
EHU (21)	10	15			
UKU (20)	6	42			
HAPUUPUU (Seabass) (15)	2	8			
BUTAGUCHI (200)	8	56			
WHITE ULUA (205)			2		
KAHALA (16)			10		
OMILU (18)					
GINDAI (97)	1	2			
KALEKALE (17)	12	24			
PAPA ULUA (204)	6	24			
HOGO (300)	2	9			
OTHER: specify					
WEKE ULA	6	12			
Unidentified Bottomfish					10

OTHER METHOD USED: ☐ TROLLING (6) ☐ TUNA HANDLINE (35) ☐ OTHER: specify
 (Check One) NO. OF LINES NO. HOURS FISHED

NON-BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED
ONO (14)				
MAHIMAHU (13)				
AHI (Yellow Fin) (3)				
KAWAKAWA (7)				
TIGER SHARK (322)				
OTHER Shark: specify <u>BLACK TIP</u>			2	
OTHER: specify				

The above report is true, correct, and complete to the best of my knowledge and belief.

SIGNATURE John Doe
 Licensee or Authorized Agent

PLEASE SUBMIT COMPLETED REPORTS TO DIV. OF AQUATIC RESOURCES FOLLOWING EACH TRIP. THANK YOU

State of Hawaii Department of Land and Natural Resources
Division of Aquatic Resources

LOCATION 7

N W H I BOTTOMFISH TRIP DAILY LOG

LICENSEE NAME JOHN DOE COMMERCIAL MARINE LICENSE NO. 1000
FEDERAL NO. 1999999 or HA - _____ VESSEL NAME MARISA REI
DAY FISHED (mo/dy/yr) 8 13 195 STATISTICAL AREA 16223-WEATHER BUOY
BANK _____ NE / NW / SE / SW (circle one)

BOTTOMFISHING (3) - NO. OF LINES _____ NO. HOURS FISHED _____ NO. OF HOOKS/LINE _____
 DEPTH RANGE (fm) WIND SPEED (kt)/DIRECTION WAVE HEIGHT (ft)

BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED	NO. STOLEN
OPAKAPAKA (19)					
ONAGA (22)					
EHU (21)					
UKU (20)					
HAPUUPUU (Seabass) (15)					
BUTAGUCHI (200)					
WHITE ULUA (205)					
KAHALA (16)					
OMILU (18)					
GINDAI (97)					
KALEKALE (17)					
PAPA ULUA (204)					
HOGO (300)					
OTHER: specify					
Unidentified Bottomfish					

OTHER METHOD USED: ☐ TROLLING (6) ☒ TUNA HANDLINE (35) ☐ OTHER: specify _____

(Check One) NO. OF LINES 2 NO. HOURS FISHED 6

NON-BOTTOMFISH CATCH	NO. KEPT	LBS. KEPT (estimate)	NO. RELEASED	NO. DAMAGED
ONO (14)				
MAHIMAHI (13)	6	120		
AHI (Yellow Fin) (3)	15	450		
KAWAKAWA (7)				
TIGER SHARK (322)				
OTHER Shark: specify				
OTHER: specify				
AHI-BIGEYE	2	140		

The above report is true, correct, and complete to the best of my knowledge and belief.

SIGNATURE John Doe
Licensee or Authorized Agent

PLEASE SUBMIT COMPLETED REPORTS TO DIV. OF AQUATIC RESOURCES FOLLOWING EACH TRIP. THANK YOU.

SECTION B

BOTTOMFISH TRIP SALES REPORT

Instructions for completing Trip Sales Report	A16
Trip Sales Report Form	A17
Sample Trip Sales Report	A18

INSTRUCTIONS FOR COMPLETING NWHI BOTTOMFISH TRIP DAILY LOG AND
BOTTOMFISH TRIP SALES REPORT FORMS

All Northwestern Hawaiian Islands (NWHI) commercial bottomfish permittees must complete and submit BOTH the NWHI BOTTOMFISH TRIP DAILY LOG (replaces the C-3, pink-colored form) and the BOTTOMFISH TRIP SALES REPORT forms to record activity for EACH fishing trip. These forms are to be used for ALL fishing activities regardless of gear used, e.g. bottomfishing, trolling, tuna handling, kona crab net, etc. (except for longline gear)

If no fishing occurred during the month, a "Did Not Fish" notification must be provided to the Division of Aquatic Resources by so indicating on the Trip Sales Report.

A. "NWHI BOTTOMFISH TRIP DAILY LOG FORM"

Refer to "INSTRUCTIONS FOR COMPLETING THE NWHI BOTTOMFISH TRIP DAILY LOG" located on the inside cover of the log book (blue-colored)

B. "BOTTOMFISH TRIP SALES REPORT"

Complete this report form after your landings have been sold at the conclusion of each fishing trip.

1. Write licensee name, Commercial Marine License No., U.S.C.G. Doc. No. or Hawaii Vessel Registration No., report month and year, Vessel, trip start and end dates, and landing port at top of report.

If you did not fish during the month, write an "X" in the "did not fish" box. Sign and send only the Bottomfish Trip Sales Report form.

2. Use fish dealer's purchase receipt to complete the Bottomfish Trip Sales report.
 - a. "No. Sold" - Write total number of pieces for each species sold.
 - b. "Lbs. Sold" - Write total weight (in whole numbers only) of species sold.
 - c. "Value of Lbs. Sold" - Write total value of pounds sold for each species. DO NOT WRITE PRICE PER POUND.
 - d. "To Whom Sold" - Write business name(s) of retail establishment(s) who directly purchased, exchanged or was an agent in the transfer of your catch for commercial purposes or if you sold your own catch, write "At Retail".
3. Sign and send it along with the NWHI Bottomfish Trip Daily Log form(s). A carbon is provided in this booklet so that a duplicate ("Keep This Copy") form may be retained for your records.

State of Hawaii
Department of Land and Natural Resources
Division of Aquatic Resources

BOTTOMFISH TRIP SALES REPORT

Licensee _____ Commercial Marine License No.

Federal No. or HA No. HA - -

Month _____ Year 19 Vessel _____

Trip Start Date ____/____/____ Trip End Date ____/____/____ Place an "X" in the box if you did not fish

Port of Landing _____

Species Caught	No. Sold	Lbs. Sold	Value of lbs. Sold	To Whom Sold
SNAPPER:				
Ehu	21			
Gindai	97			
Kalckale	17			
Lehi	58			
Onaga	22			
Opakapaka	19			
Uku	20			
JACKS:				
Black Ulua, Gunkan	202			
Butaguchi	200			
Dobe Ulua	201			
Kagami Ulua	104			
Omilu	18			
Papa Ulua	204			
Menpachi Ulua, Sasa	203			
White Ulua	205			
OTHER:				
Hapuupuu (Seabass)	15			
Hogo	300			
Kahala	16			
Weke Ula	24			
Aawa	25			
Aweo	34			

Species Caught	No. Sold	Lbs. Sold	Value of lbs. Sold	To Whom Sold
Ono	14			
Mahimahi	13			
Ahi (Yellow Fin)	3			
Kawakawa	7			
Shark (specify)				
Other (specify)				

The above report is true, correct, and complete to the best of my knowledge and belief.

Signature _____
Licensee or authorized agent

NWSAL (Rev. 1/96)

FOR OFFICE USE

REC'D _____
LOGGED _____
E/C _____
SUBMIT _____

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State of Hawaii
Department of Land and Natural Resources
Division of Aquatic Resources

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